

## ABSTRACT OF THE DISCLOSURE

A data sample and transmission module for a power distribution system having a microprocessor, a locator device, and a network interface is provided. The microprocessor samples one or more first signals indicative of a condition of power in the power distribution system. The locator device is changeable between a first state and a second state. The network interface can place the microprocessor in communication with a network so that the microprocessor samples the first signals based in part upon a synchronization signal receivable from the network and so that the locator device changes from the first state to the second state in response to a command receivable from the data network.